

Thursday, July 13, 2017 11:47:26 AM

Page 1

2 DAS 27 9-89  
JUL 18 2017

**Work Order ID 164081**

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**\*164081\***

Page 2

**Item ID:** D412-760-011**Accept****\*N900040100\*****Setup Start****\*NS1\*****Revision ID:****Stop \*NS2\*****Item Name:** Cabin Floor Protector**Start Date:** 7/19/2017 **Start Qty:** 2.00**\*2\*****Cust Item ID:****Required Date:** 7/25/2017 **Req'd Qty:** 2.00**\*2\*****Customer:****Reference:****Approvals:** **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Run Start****\*NR1\*****QC:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_ **Date:** \_\_\_\_\_**Stop****\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                                                  | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty                   | Reject<br>Number | Insp.<br>Stamp           |
|--------------------------------|---------------------------------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------------------------|------------------|--------------------------|
| 130                            | Identify as per dwg & Stock Location: <u>Fg040</u>                        | 0.00                 |         |        |              |               |                                 |                  |                          |
| <b>*130*</b>                   | Packaging                                                                 |                      |         |        |              | <u>2</u>      | <b>DAS</b><br><b>28</b><br>9-89 |                  | <u>JUL 18 2017</u>       |
| Packaging                      | <b>Memo</b>                                                               | 0.00                 |         |        |              |               |                                 |                  |                          |
| Packaging                      | Identify and pack for shipping as per PPP D412-760-011<br>Location: FG040 |                      |         |        |              |               |                                 |                  |                          |
| 140                            | QC21- Final Inspection - Work Order Release                               | 0.00                 |         |        |              |               |                                 |                  |                          |
| <b>*140*</b>                   |                                                                           |                      |         |        |              |               |                                 |                  |                          |
| QC                             | <b>Memo</b>                                                               | 0.20                 |         |        |              |               |                                 |                  | <u>17/7/20</u> <u>df</u> |
| Quality Control                |                                                                           |                      |         |        |              |               |                                 |                  |                          |

**DAS**  
**21**  
9-89JUL 20 2017

# Picklist Print

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Work Order ID: 164081

**\*164081\***

Parent Item: D412-760-011

**\*D412-760-011\***

Parent Item Name: Cabin Floor Protector

Start Date: 7/19/2017

Required Date: 7/25/2017

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev A 07.07.05 new issue EC  
IPP Rev:B 08-08-20 revB as per dwg DD verified by:ec

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty     | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|------------------|---------------|----------------|--------|
| D3574-1                         |                        | Manufactured  | No          |                     |                  | 110             | Each               | 0.0000         | 1           | DA <sup>2</sup>  |               |                | DAS    |
| <b>*D3574-1*</b>                |                        |               |             |                     |                  |                 |                    |                | **          | 6                | 163869        | JUL 18 2017    | 28     |
| Cabin Floor Protector           |                        |               |             |                     |                  |                 |                    |                |             | 9-89             |               |                | 9-89   |
| D3574-2                         |                        | Manufactured  | No          |                     |                  | 110             | Each               | 0.0000         | 1           | DA <sup>2</sup>  |               |                | DAS    |
| <b>*D3574-2*</b>                |                        |               |             |                     |                  |                 |                    |                | **          | 6                | 164120        | JUL 18 2017    | 28     |
| Cabin Floor Protector           |                        |               |             |                     |                  |                 |                    |                |             | 9-89             |               |                | 9-89   |
| D3575-1                         |                        | Manufactured  | No          |                     |                  | 110             | Each               | 0.0000         | 1           | DA <sup>2</sup>  |               |                | DAS    |
| <b>*D3575-1*</b>                |                        |               |             |                     |                  |                 |                    |                | **          | 6                | 163885        | JUL 18 2017    | 28     |
| Cargo Floor Protector           |                        |               |             |                     |                  |                 |                    |                |             | 9-89             |               |                | 9-89   |
| D3575-2                         |                        | Manufactured  | No          |                     |                  | 110             | Each               | 0.0000         | 1           | DA <sup>2</sup>  |               |                | DAS    |
| <b>*D3575-2*</b>                |                        |               |             |                     |                  |                 |                    |                | **          | 6                | 163910        | JUL 18 2017    | 28     |
| Cargo Floor Protector           |                        |               |             |                     |                  |                 |                    |                |             | 9-89             |               |                | 9-89   |
| D3580-1                         |                        | Manufactured  | No          |                     |                  | 110             | Each               | 16.0000        | 6           | DA <sup>12</sup> |               |                | DAS    |
| <b>*D3580-1*</b>                |                        |               |             |                     |                  |                 |                    |                | **          | 6                |               | JUL 18 2017    | 28     |
| Joggle Bracket                  |                        |               |             |                     |                  |                 |                    |                |             | 9-89             |               |                | 9-89   |
| D3628-1                         |                        | Manufactured  | No          |                     |                  | 110             | Each               | 222.0000       | 14          | 28               |               |                | DAS    |
| <b>*D3628-1*</b>                |                        |               |             |                     |                  |                 |                    |                | **          | 6                | 163720 X10    | JUL 18 2017    | 28     |
| Washer, Cupped                  |                        |               |             |                     |                  |                 |                    |                |             | 9-89             |               |                | 9-89   |
|                                 |                        |               |             | <u>Location</u>     |                  |                 | <u>Loc Qty</u>     |                |             | <u>Loc Code</u>  |               |                |        |
|                                 |                        |               |             | ST040               |                  |                 | 16                 |                |             |                  |               |                |        |
|                                 |                        |               |             | 161954              |                  |                 | 16                 |                |             |                  |               |                |        |
|                                 |                        |               |             | FG                  |                  |                 | 10                 |                |             |                  |               |                |        |
|                                 |                        |               |             | 83587               |                  |                 | 10                 |                |             |                  |               |                |        |
|                                 |                        |               |             | ST044               |                  |                 | 212                |                |             |                  |               |                |        |
|                                 |                        |               |             | 151898              |                  |                 | 212                |                |             |                  |               |                |        |

# Picklist Print

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Work Order ID: 164081

**\*164081\***

Parent Item: D412-760-011

**\*D412-760-011\***

Parent Item Name: Cabin Floor Protector

Start Date: 7/19/2017

Required Date: 7/25/2017

Start Qty: 2.00

Required Qty: 2.00

D3628-3 Manufactured No

110 Each

92.0000

6 12  
\*\*

JUL 18 2017 DAS 6 28  
9-89 9-89

**\*D3628-3\***  
Cupped Washer

DAS  
27  
29-89  
9-89

Location

Loc Qty

Loc Code

ST043

92

148674

92

MS24694-S100

Purchased No

110 Each

20.0000

6 12  
\*\*

JUL 18 2017 DAS 6 28  
9-89 9-89

**\*MS24694-S100\***  
Flat Head Screw

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST283

20

m135864

20

MS24694-S54

Purchased No

110 Each

86.0000

14 28  
\*\*

JUL 18 2017 DAS 6 28  
9-89 9-89

**\*MS24694-S54\***  
SCREW

Location

Loc Qty

Loc Code

ST284

86

153846

1

m137951

85

NAS1149D0363J

Purchased No

110 Each

1,366.000

28 56  
\*\*

JUL 18 2017 DAS 6 28  
9-89 9-89

**\*NAS1149D0363J\***  
Washer

DAS  
27  
9-89

Location

Loc Qty

Loc Code

GA

33

m134055

13

m137164

20

ST263

1333

m137587

333

m137963

1000

DAS  
27  
9-89

56

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Shop Packet Print

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# Picklist Print

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Work Order ID: 164081

**\*164081\***

Parent Item: D412-760-011

**\*D412-760-011\***

Parent Item Name: Cabin Floor Protector

Start Date: 7/19/2017

Required Date: 7/25/2017

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0463J

Purchased

No

110

Each

3,061.000

12

24

**\*NAS1149D0463.J\***

Washer

\*\*

DAS

JUL 18 2017

DAS

28

9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

|         |      |  |
|---------|------|--|
| GA      | 560  |  |
| M135056 | 40   |  |
| M137699 | 520  |  |
| ST260a  | 2000 |  |
| M137699 | 1400 |  |
| M137988 | 600  |  |
| ST263   | 501  |  |
| M137371 | 501  |  |

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# Work Order ID 164081

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Item ID: D412-760-011

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Cabin Floor Protector

Start Date: 7/19/2017 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 7/25/2017 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: JUL 13 2017 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

Stop \*NR2\*

| Sequence ID/<br>Work Center ID | Operation<br>Description                                     | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| <b>Draw Nbr</b>                | <b>Revision Nbr</b>                                          |                      |         |        |              |               |               |                  |                |
| IIN-D412-760                   | G                                                            |                      |         |        |              |               |               |                  |                |
| 100                            | Document Control                                             | 0.00                 |         |        |              |               |               |                  |                |
| *100*                          | DOCUMENT CONTROL                                             |                      |         |        |              |               |               |                  |                |
| DC                             | Memo                                                         | 0.00                 |         |        |              |               |               |                  |                |
| Doc.Control -USB or Paperwork  | Photocopy bluefile & type labels per PPP D412-760-011 CHG002 |                      |         |        |              |               |               |                  |                |
| 110                            | Pick Kit                                                     | 0.00                 |         |        |              |               |               |                  |                |
| *110*                          |                                                              |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                                         | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |                                                              |                      |         |        |              |               |               |                  |                |
| 120                            | QC4- 100% Inspect kits for completeness                      | 0.00                 |         |        |              |               |               |                  |                |
| *120*                          |                                                              |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                                         | 0.06                 |         |        |              |               |               |                  |                |
| Quality Control                |                                                              |                      |         |        |              |               |               |                  |                |

CB (2)

JUL 18 2017



Department of Transport

# Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, Ontario  
Canada K6A 1K7

**Number:** SH07-37

**Issue No.:** 3

**Approval Date:** June 29, 2007

**Issue Date:** July 28, 2010

**Responsible Office:**

Prairie and Northern

**Aircraft/Engine Type or Model:**

BELL 205A, 205A-1, 205B, 212, 214B, 214B-1, 412, 412 CF, 412 EP

**Canadian Type Certificate or Equivalent:**

BELL 205B H-104  
BELL 214B, 214B-1 H-80  
BELL 212, 412, 412 CF, 412 EP H-86  
BELL 205A, 205A-1 H1SW

**Description of Type Design Change:**

Interior Protector Kits

**Installation/Operating Data,  
Required Equipment and Limitations:**

Manufacture of the Interior Protector Kits must be in accordance with Dart Aerospace Ltd. MDL-D412-760, Revision G, dated December 2, 2009, or later approved revision.

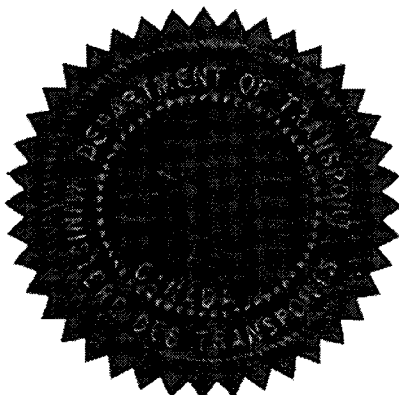
Installation of the Interior Protector Kits must be in accordance with Dart Aerospace Ltd. IIN-D412-760, Revision E, dated December 2, 2009, or later approved revision.

Maintenance of the Interior Protector Kits must be in accordance with the Transport Canada accepted Dart Aerospace Ltd. ICA-D412-760, Revision 4, dated December 2, 2009, or later Transport Canada accepted revisions.

**Basis of Certification:**

The basis of certification for affected areas is CFR 14, Part 29, up to and including Amendment 29-47.

— End —



**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

Greg Oucharek  
For Minister of Transport

Canada

## 5.0 PARTS LIST

| Qty<br>-011 | Qty<br>-013 | Qty<br>-015 | Qty<br>-017 | Qty<br>-019 | Part Number   | Description               |
|-------------|-------------|-------------|-------------|-------------|---------------|---------------------------|
| X           |             |             |             | /           | D412-760-011  | CABIN FLOOR PROTECTOR KIT |
|             | X           |             |             |             | D412-760-013  | CABIN FLOOR PROTECTOR KIT |
|             |             | X           |             |             | D412-760-015  | CABIN FLOOR PROTECTOR KIT |
|             |             |             | X           |             | D412-760-017  | CABIN FLOOR PROTECTOR KIT |
|             |             |             |             | X           | D412-760-019  | CABIN FLOOR PROTECTOR KIT |
| 1           |             |             |             |             | D3574-1       | CABIN FLOOR PROTECTOR     |
| 1           |             |             |             |             | D3574-2       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3574-3       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3574-4       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3574-5       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3574-6       | CABIN FLOOR PROTECTOR     |
| 1           |             |             |             |             | D3575-1       | CABIN FLOOR PROTECTOR     |
| 1           |             |             |             |             | D3575-2       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3575-3       | CABIN FLOOR PROTECTOR     |
|             | 1           |             |             |             | D3575-4       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3575-5       | CABIN FLOOR PROTECTOR     |
|             |             | 1           |             |             | D3575-6       | CABIN FLOOR PROTECTOR     |
| 6           | 4           | 6           | 6           | 6           | D3580-1       | JOGGLE BRACKET            |
|             |             |             | 1           |             | D3788-1       | CABIN FLOOR PROTECTOR     |
|             |             |             | 1           |             | D3788-2       | CABIN FLOOR PROTECTOR     |
|             |             |             | 1           |             | D3788-3       | CABIN FLOOR PROTECTOR     |
|             |             |             | 1           |             | D3788-4       | CABIN FLOOR PROTECTOR     |
| 14          | 40          | 14          | 14          | 10          | D3628-1       | CUPPED WASHER             |
| 6           | 8           | 6           | 6           |             | D3628-3       | CUPPED WASHER             |
|             |             |             |             | 1           | D4122-1       | FLOOR PROTECTOR, FORWARD  |
|             |             |             |             | 1           | D4122-3       | FLOOR PROTECTOR, AFT      |
| 28          |             | 28          | 28          |             | NAS1149D0363J | WASHER (AN960JD10)        |
| 12          |             | 12          | 12          |             | NAS1149D0463J | WASHER (AN960JD416)       |
| 14          |             | 14          | 14          |             | MS24694S54    | SCREW                     |
| 6           |             | 6           | 6           |             | MS24694S100   | SCREW                     |